

Title (en)
CELL CLUSTERING AND APERTURE SELECTION

Title (de)
ZELLENCLUSTERING UND AUSWAHL EINER ÖFFNUNG

Title (fr)
SÉLECTION DE REGROUPEMENT ET D'OUVERTURE DE CELLULES

Publication
EP 2798753 B1 20200805 (EN)

Application
EP 12863564 A 20120620

Priority
• US 201161580776 P 20111228
• IB 2012053112 W 20120620

Abstract (en)
[origin: US2013170574A1] A method is disclosed that includes accessing baseband information for a number, N ($N > 1$), of antennas accessible by a number of baseband units, where the baseband information correspond to a transmission by a user equipment and is received at the N antennas. The method includes determining values for one or more metrics for the baseband information for the N antennas. The method includes selecting, based on the determined values, a subset k of the N antennas and corresponding baseband information to use to determine output data for the transmission by the user equipment. The method includes determining the output data for the user equipment using the baseband information from the k antennas. Apparatus and computer program products are also disclosed.

IPC 8 full level
H04B 7/08 (2006.01); **H04B 7/024** (2017.01)

CPC (source: CN EP KR US)
H04B 7/024 (2013.01 - CN EP US); **H04B 7/0802** (2013.01 - KR); **H04B 7/0874** (2013.01 - CN EP US); **H04B 7/0888** (2013.01 - CN EP US)

Citation (examination)
• CN 102158264 A 20110817 - HUAWEI TECH CO LTD & EP 2667521 A1 20131127 - HUAWEI TECH CO LTD [CN]
• Y. LIN ET AL: "Wireless network cloud: Architecture and system requirements", IBM JOURNAL OF RESEARCH AND DEVELOPMENT., vol. 54, no. 1, 1 January 2010 (2010-01-01), US, pages 4:1 - 4:12, XP055255258, ISSN: 0018-8646, DOI: 10.1147/JRD.2009.2037680

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2013170574 A1 20130704; US 8934561 B2 20150113; CN 104350691 A 20150211; CN 104350691 B 20190816; EP 2798753 A2 20141105; EP 2798753 A4 20150909; EP 2798753 B1 20200805; KR 20140117460 A 20141007; KR 20160092033 A 20160803; WO 2013098663 A2 20130704; WO 2013098663 A3 20130912

DOCDB simple family (application)
US 201213524357 A 20120615; CN 201280070819 A 20120620; EP 12863564 A 20120620; IB 2012053112 W 20120620; KR 20147021190 A 20120620; KR 20167020014 A 20120620